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**GEIBEL, Stephen, A.** [US/US]; 31 Prospect Terrace,  
Cortland, NY 13045 (US).

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(74) Agent: **BELZ, John, M.**; Leydig, Voit & Mayer, Ltd., 700  
Thirteenth Street, N.W., Suite 300, Washington, DC 20005  
(US).

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(71) Applicant (*for all designated States except US*): **PALL  
CORPORATION** [US/US]; 2200 Northern Boulevard,  
East Hills, NY 11548-1209 (US).

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(72) Inventors; and

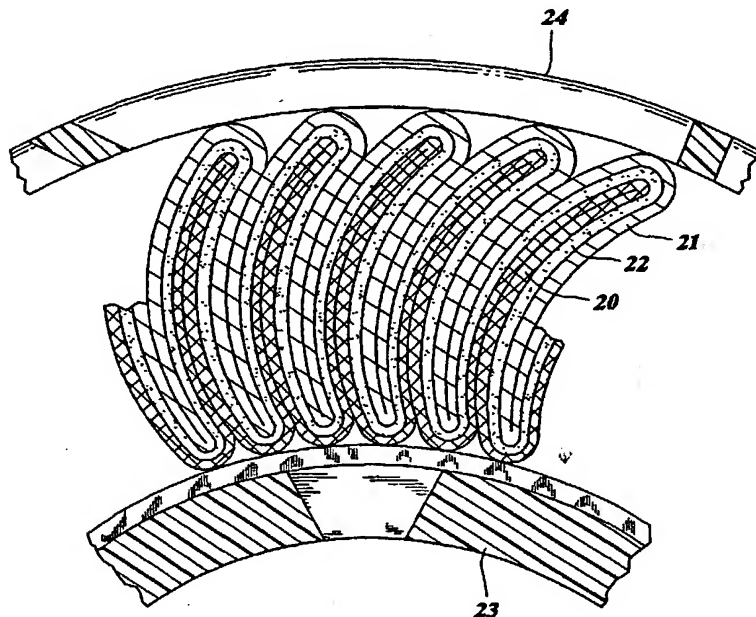
(75) Inventors/Applicants (*for US only*): **WILLIAMSON,**  
**Kenneth, M.** [US/US]; 3139 Henneberry Road,  
Jamesville, NY 13078 (US). **MILLER, John, D.**  
[US/US]; 511 Kline Road, Ithaca, NY 14850 (US).

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(54) Title: **FILTER ELEMENTS AND FILTERING METHODS**



(57) Abstract: A filter element includes a filter layer and a functional drainage layer containing a functional material disposed on an upstream and/or a downstream side of the filter layer. The functional drainage layer can provide drainage for the filter layer as well as treat a fluid passing through it.

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